

396466

GEORGE C. JONES

TO

THE PUBLIC

DECLARATION OF VESTED GROUND  
WATER RIGHTS

STATE OF MONTANA ) ss.  
COUNTY OF HILL )  
Filed at 1 o'clock p.m.

ON DEC 10 1963  
R. E. Blon

COUNTY CLERK

DEPUTY

Fee: 2.00 pd.

GW

File No. \_\_\_\_\_

TRIPPLICATE

T. 32N R. 16E

County Hill

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

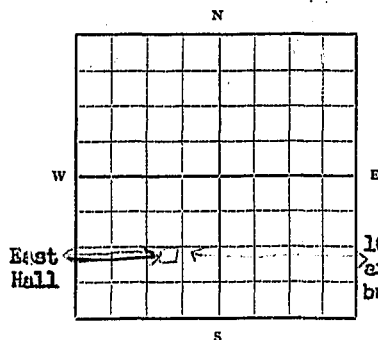
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JUN 25 1962

STATE ENGINEER

1. Northern Montana College, of Havre  
(Name of Appropriator) (Address) (Town)  
County of Hill State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 8 T. 32 R. 16

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based domestic use and ground irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been wells started production in 1919 used until 1929, unused to date except for 2 that were put back into use in 1954, at present time wells are used during summer months only.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gallons per minute per well
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Approximately 16 acres of lawn grass on Northern Montana College campus.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 3 h.p. pumps in each well, only 2 wells active at present time.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well originally sunk 1918, reactivated 1954.
8. The depth of water table 75 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 8" casings, 112 ft. deep.
10. The estimated amount of groundwater withdrawn each year 4 1/2 million gallons
11. The log of formations encountered in the drilling of each well if available not available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record two (2) wells are in use at the present time; however, with campus growth this could increase to ten (10)

Signature of Owner L. O. Brockmann

Date June 15, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

925

# 389288

Northn Montana College

State of Montana

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA, ss.  
COUNTY OF HILL  
Filed at 8.00 o'clock A.M.

ON JUN 22 1962

G. C. YEON  
COUNTY CLERK

By \_\_\_\_\_

Fee None

SPEED LETTER

TO Northern Montana College,  
State Engineer, Helena  
School of Mines, Butte

FROM G. C. Yeon  
Clerk & Recorder

SUBJECT Declaration of Vested Groundwater Rights, Document No. 389288

MESSAGE

DATE October 9, 1962

On the Instrument numbered 389288 please add section 8, Township 32N,  
Range 16E. Thank you.

RECEIVED  
OCT 10 1962

STATE ENGINEER

# 389288

Northern Montana College

State of Montana

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA, ss.  
COUNTY OF HILL  
Filed at 8.00 o'clock A.M.

JUN 22 1962

G. C. YEON COUNTY CLERK

By \_\_\_\_\_ DEPUTY

Jan None

SPEED LETTER

RECEIVED  
OCT 10 1962

TO Northern Montana College, FROM G. C. Yeon  
State Engineer, Helena Clerk & Recorder  
School of Mines, Butte Havre STATE ENGINEER

SUBJECT Declaration of Vested Groundwater Rights, Document No. 389288

MESSAGE DATE October 9, 1962 19

On the Instrument numbered 389288 please add section 8, Township 32N,  
Range 16E. Thank you.

SIGNED G. C. Yeon, by: *mk*

REPLY

DATE \_\_\_\_\_ 19

FOLD

SIGNED

FORM 44-902 U.S.A.

RETAIN WHITE COPY, RETURN PINK COPY

File No. ....

T. 32 N R. 16 E

DUPLICATE

County HILL

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

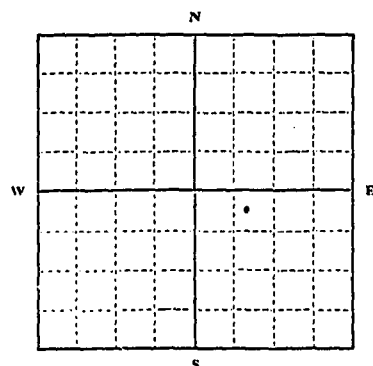
RECEIVED  
JAN 18 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Robert A. Roush, of 808 13th Street Havre  
(Name of Appropriator) (Address) (Town)  
County of HILL State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

SE  $\frac{1}{4}$  Sec. 8 T. 32N R. 16E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based Domestic and Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been August, 1944 and has been in continuous use since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 130,000 gallons per year.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lots 7 and 8, Block 3, Holland Addition, Havre, Montana, also known as 808 13th Street, Havre, Montana.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal One well in basement of house, electric pump and pressure tank.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August, 1944
8. The depth of water table Well is 110 feet deep and the water rose to about 40 feet from ground level.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 110 feet deep, 6 inch casing, jet pump with small electric motor and household pressure system.
10. The estimated amount of groundwater withdrawn each year 130,000 gallons
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record An easement on record in the Hill County Clerk and Recorders Office; Document No. 297250, Dated Sept. 30, 1944, Filed Nov. 29, 1944; Book 25, Misc., Page 511

Signature of Owner

*Robert A. Roush*

Date

Dec. 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

31184

397126

ROBERT A. ROUSH

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA, ss.  
COUNTY OF HILL  
Filed at 11 o'clock a.m.

ON DEC 31 1963

18 E. E. E.  
COUNTY CLERK

DEPUTY

FEE: \$2.00 pd.

File No. ....

DUPLICATE

T. 32 N. R. 16 E.M.P.M.

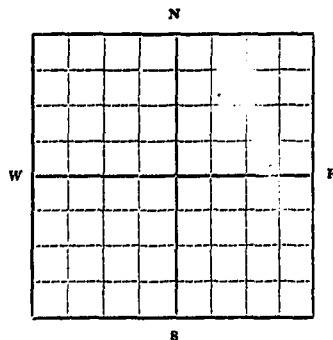
County Hill

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. Eugene P. Stallcop of 636 6th St., Havre,  
(Name of Appropriator) (Address) (Town)  
County of Hill State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 8 T32N R16E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based continuous use of well since 1947 for manufacturing commercial products, household use and irrigation of lawn and garden.
3. Date of approximate date of earliest beneficial use; and how continuous the use has been Well drilled and casing completed in 1947 and has been used continuously ever since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lawn and garden at 636 6th St., Havre, Montana, owned by appropriator, Eugene P. Stallcop.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric jet pump inside building at 608 7th Ave., Havre, Mont. situated on E 1/2 of Lot 17, E 1/2 of Lot 18 and S 1/2 of Lot 19, Block 9, Pepin's Second Addition to Havre.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well commenced in late 1946 and completed in 1947 with installation of casing.
8. The depth of water table Approximately 35 feet below the surface of the ground.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well is approximately 85 feet deep and contains 6 inch casing from surface to bottom of well.
10. The estimated amount of groundwater withdrawn each year 300,000 gallons per year.
11. The log of formations encountered in the drilling of each well if available (Please see Exhibit "A" which is appended hereto.)
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Eugene P. Stallcop

Date Sept 23 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

DEPARTMENT OF AGRICULTURE

UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF SOILS  
WASHINGTON, D. C.

REPORT

NO. 1

DOCUMENT NO. 28562

REPORT  
TO  
EUGENE P. STALLON

DEPARTMENT OF AGRICULTURE  
BUREAU OF SOILS  
WASHINGTON, D. C.

EXHIBIT "A"

EUGENE P. STALLON  
608 7th Avenue, Havre, Montana

Log of Well

FROM	TO	THICKNESS	FORMATION
0	45	45	Yellow Clay
45	68	23	Blue Clay
68	72	4	Gravel and Clay
72	79	7	Blue Gray Clay
79	85.5	3.5	Sand and Gravel Water



DOCUMENT NO. 387806

EUGENE P. STALLCOP  
TO  
THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA, ss.  
COUNTY OF HILL

*Filed at 4:30 o'clock P.M.*

ON MAR 12 1962  
G.C. YEON

COUNTY CLERK

By \_\_\_\_\_ DEPUTY

FEE \$2.00-c Weber

File No. \_\_\_\_\_

T 32 N R 16 East M.P.M.

DUPLICATE

County Hill

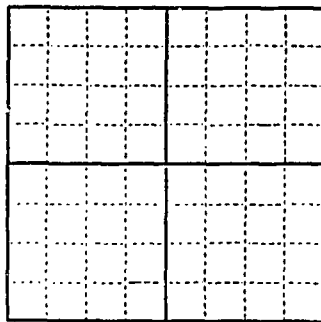
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Anthony Anderson, of East First Street, Havre,  
(Name of Appropriator) (Address) (Town)

County of Hill State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 9 T. 32N. R. 16

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based domestic and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1956 and continuously since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gallons per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
A tract of land in NE 1/4 of Section 9, T 32 N R 16 E.M.P.M., particularly described in Book 91 of Deeds at Page 341, Hill County Records, owned by appropriator.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Centrifugal pump located at well head in tract described above.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced and completed in 1956.

8. The depth of water table. Static water level 56 feet from top of casing in pit.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 124 foot well with 118.6 feet of casing, 6 in. O.D.

10. The estimated amount of groundwater withdrawn each year 1,500,000 gallons.

11. The log of formations encountered in the drilling of each well if available. 0'-50' Yellow Sandy Till, 50'-55' Sandy Till or Sand, 55'-70' Blue Grey Clay, 70'-75' Clay and Gravel, 75'-120' Blue Grey Clay, 120'-124' Sand and Gravel and Water.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Water and log filed 12/11/61 as Document No. 386571, Hill County Records

Signature of Owner Anthony Anderson

Date \_\_\_\_\_

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

31258

397207

ANTHONY ANDERSON

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA  
COUNTY OF FLEET  
Helen H. Anderson, Co.

1963  
Helen H. Anderson  
DEPUTY

FEE: \$2.00 pd.

File No. \_\_\_\_\_

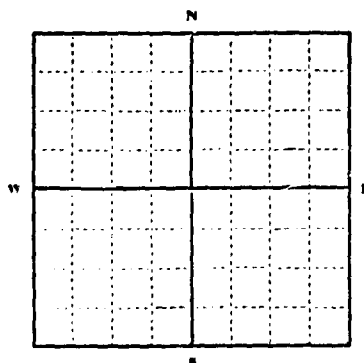
DUPLICATE

T. 32<sup>nd</sup> R. 16<sup>th</sup>  
County 47<sup>th</sup>STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
SEP 3 1963

## Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Coca-Cola Bottling Co. of Havre & L. H., of Box 1270, Havre  
(Name of Appropriator) Cassia (Address) (Town)  
County of Hill State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. 1/4, Sec. 2, T. 32 R. 16.

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based...  
Used in Manufacture of Beverages
3. Date or approximate date of earliest beneficial use; and how continuous the use has been...1938 - Continuous use since
4. The amount of groundwater claimed (in miner's inches or gallons per minute)...50 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof...Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...Deep well on rear of lot 5, Mt. View, Havre, Montana

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...1938
8. The depth of water table...45 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater...100 feet
10. The estimated amount of groundwater withdrawn each year...2,000,000 gallons
11. The log of formations encountered in the drilling of each well if available...File in Helena
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record...

Signature of Owner Coca-Cola Bottling Co.  
W. L. CassiaDate...8/29/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

395057

COCA-COLA BOTTLING CO. &  
W. W. CASSEL

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA, ) ss.  
COUNTY OF HILL )  
*Filed at 9:00 o'clock A.M.*

ON AUG 3 0 1963

*E. E. Blom* COUNTY CLERK

By *[Signature]* DEPUTY

FEE: \$2.00 pd.

Form No. 18  
8-60

T. 32 N R. 16 E  
County Hill

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 12 1956

WATER WELL LOG

STATE ENGINEER


Owner Chas. Drake Jr. Address Haremont.

Driller J. J. Cutchum Address Haremont.

Date Started Jan. 1956 Date Completed Jan 1956

Location: Sec. 9 T. 32 R. 16 E  $\frac{1}{4}$  sec. NE 1 NE 1  
M. Cutchum Tract # 2 4 4

Type of well Drilled Equipment used Churn Drill  
(Dug, driven, bored, or drilled) (Churn, grill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: pit ft. to 124 ft. Type 10 5/8" standard Size 6" O.D.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static Water level, for non-flowing well: 62' From Surface feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level 66 feet at 30 gal. per min.

How tested: 30 min.

Length of test 10 min.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

J. J. Cutchum (over)

## Log of Well

[illegible]

DEPUTY

[illegible]



File No. ....

T. 32 N. R. 16 E. N.P.M.

DUPLICATE

County Hill

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

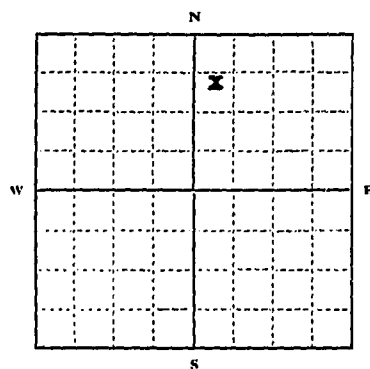
RECEIVED  
NOV 13 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. City of Havre, of City Hall Havre, Montana  
(Name of Appropriator) (Address) (Town)  
County of Hill State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. 1/4 Sec. 9 T. 32 N.

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based.....  
Municipal Water Supply
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
1929 to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
600 G.P.M.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....  
not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
deep well turbine pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
1929
8. The depth of water table.....  
22 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....  
16 inch casing  
92 ft. deep  
screened -- gravel wall
10. The estimated amount of groundwater withdrawn each year.....  
400,000,000 Gallons
11. The log of formations encountered in the drilling of each well if available.....  
Available from Montana State Board of Health
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....  
Located on Lot 5, Block 4, Great Northern Addition

Signature of Owner.....  
City of Havre

Date.....  
Nov. 8, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

395990

CITY OF HAVRE

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA ) ss.  
COUNTY OF HILL )  
Filed at 2:30 clock P m.

ON 8 1963

R. E. Blom COUNTY CLERK

BY REPUTY

Fee: \$2.00 pd.

Form No. 18  
8-60

T. 32 N R. 16 E  
County NEED

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
MONTANA BUREAU OF MINES AND GEOLOGY

WATER WELL LOG

STATE ENGINEER


Owner Raymond W. Brown Address Home, Mont.  
Driller W. J. McCutcheon Address Home, Mont.  
Date Started Oct 1955 Date Completed Oct 1955  
Location: Sec. 4 T. 32 N R. 16 E  $\frac{1}{4}$  sec. NE  $\frac{1}{4}$  of NE  $\frac{1}{4}$   
20' water level at 10' 14 2

Type of well Drilled Equipment used Churn, drill, rotary, other  
(Dig, driven, bored, or drilled)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: 10' 14 2 ft. to 99 ft. Type 10' 14 2 Size 6" OD

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static Water level, for non-flowing well: 54' 6" from surface feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level 6.0 feet at 5.0 gal. per min.

How tested: 10' 14 2

Length of test 10' 14 2

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Down to 10' 14 2 ft. after 2 hours pumping

W. J. McCutcheon (over)

## Log of Well

[illegible]

WATER WELL LOG

DEPTV

67

File No.  
DUPLICATE

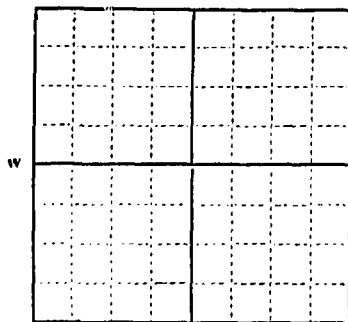
T. 22 R. 16  
County. Hill

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 10 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

1. George C. Opal, of 1731-1-10 Haven  
(Name of Appropriator) (Address) (Town)  
County of Hill State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



East 1/2 lot 11 + 1/2; Blk 1 Young  
NW 1/4 NE 1/4 Sec. 9 T32 R. 16

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Bought place 1950 + well on place + well regular
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Seems to be enough for domestic use
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Has to water lawn + domestic use
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump. 1 well on E 1/2 lot 11 + lot 12 Have George's addition
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Bought place, from John Speyer 1950 + well there
8. The depth of water table Well about 65 ft deep
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater one well about 65 ft deep
10. The estimated amount of groundwater withdrawn each year 12000 gallons
11. The log of formations encountered in the drilling of each well if available Have no record + from give to man when purchased 1950
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Have no further information

Signature of Owner George C. Opal  
Date Dec. 9-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

8264

396441

GEORGE C. OPSAL

TO

THE PUBLIC

DECLARATION OF VESTED GROUND  
WATER RIGHTS

STATE OF MONTANA )  
COUNTY OF HILL )  
*Filed at 1:45 o'clock P.M.*

ON DEC 9 1963

R. E. Blom

COUNTY CLERK

DEPUTY

Fee: \$2.00 pd.

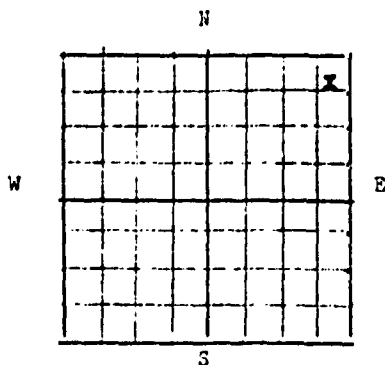
GW-4  
FILE NO. \_\_\_\_\_  
DUPLICATE

TWP. 5N RGE 16 E. N. W.  
COUNTY MISS

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

1. Gerald Richardson, of Post Office Box 500 Three  
(Name of Appropriator) (Address) (Town)  
County of MISS, State of Montana  
Have appropriated groundwater according to the Montana laws in effect prior to Jan.  
1, 1962 as follows:



N.E. 1/4 Sec 32 T. 16 R.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based  
Household and Garden, Lawn, and Trees.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been in  
Aug. 1958 been in use ever since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
none here.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pressure system
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 1958.
8. The depth of water table 146 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch drilled well 146 feet deep.
10. The estimated amount of groundwater withdrawn each year 15000
11. The log of formations encountered in the drilling of each well if available  
first most of the way water came in red gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
Have none.

Signature of Owner Gerald Richardson

Date December 20, 1962.

Three copies to be filed by the owner with the County Clerk & Recorder of the County in which the well is located.

PLEASE ANSWER ALL QUESTIONS. IF NOT APPLICABLE, SO STATE, OTHERWISE THE FORM WILL BE RETURNED.

Original to the County Clerk & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.



391823

GERALD RICHARDSON

to

THE PUBLIC

DECLARATION OF VESTED GROUND  
WATER RIGHTS

STATE OF MONTANA )  
COUNTY OF HILL ) ss.

Filed at 2:30 clock P. m.

27 23 1962

G C. Yeon

COUNTY CLERK

REC'D

Fee: \$2.00 pd.

File No. \_\_\_\_\_

T 32<sup>N</sup> R 16<sup>E</sup> 9

## DUPLICATE

County NE HILLSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

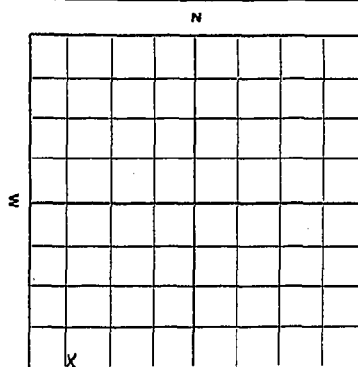
Owner RICHARD RUBIE Address HAVRE, MONTANADriller SIMPSON DRILLING CO. Address MALTA, MONTANA

Date of Notice of appropriation of ground water \_\_\_\_\_

Date well started OCT 25 1964 Date Completed NOV. 5 1964Type of well DRILLED Equipment used CABLE TOOLS  
(dug, driven, bored or Churn, drill, rotary or  
drilled) other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7	6 I D 19 LBS	0	199	XX	XX	XX



S.W. 1/4 Sec. 2 T32 R16  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well  
120 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 128 feetat 15 gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested BailLength of Test 2 HOURS

Remarks: (Gravel packing, cementing, packers, type of shut-off, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) \_\_\_\_\_

15

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for Appropriator.

38762

DOC. NO. 401575

RICHARD RUBIE

TO

THE PUBLIC

NOTICE OF COMPLETION OF  
GROUNDWATER APPROPRIATION  
BY MEANS OF WELL

STATE OF MISSISSIPPI  
COUNTY OF HILL  
Filed at 1:55 o'clock p.m.

ON DEC 4 1964

*18. P. Blum*  
COUNTY CLERK

By \_\_\_\_\_

*for the State*

GW.

Approved Stock Form—State Publishing Co., Helena, Montana—41338

10

File No. ....

T 32 N R 16 E

DUPLICATE

County Hill

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

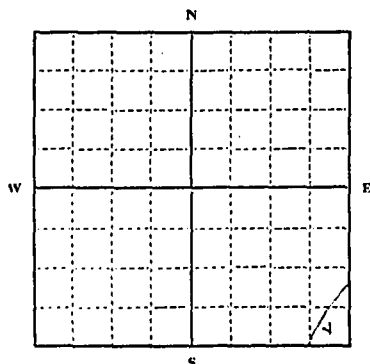
RECEIVED  
DEC 12 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John P. Goehring of Box 895, Havre, Montana  
(Name of Appropriator) (Address) (Town)  
County of Hill State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SESE 1/4 Sec. 10 T 32 R 16

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based human consumption, irrigation of lawn, garden & trees
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1936, has been used ever since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 8 or 10 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof part of SESE 1/4 10-32-16
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric deep well pump, SESE 10-32-16
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. June 13, 1936 to June 20, 1936 or thereabout
8. The depth of water table. 170' deep
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled well 4" steel casing, 170' deep. Driller said bits dropped 20' when he struck water, thought it was an underground river, water raised 50' in hole.
10. The estimated amount of groundwater withdrawn each year. 23,000 to 25,000 gal.
11. The log of formations encountered in the drilling of each well if available. Log must have been sent in to the State by Robert I. McCutcheon. He has been dead for several years and I do not know if his wife would have a copy or not. The first 65 or 70' was clay and then around 100' of blue shale.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. See if you can locate R. I. McCutcheon's logs.

Signature of Owner

*John P. Goehring*  
Date Dec. 10, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

8675

396169

JOHN P. GUNNING

TO

THE PUBLIC

DECLARATION OF VESTED GROUND  
WATER RIGHTS

STATE OF MONTANA )  
COUNTY OF HILL ) ss.  
Filed at 1 o'clock P.m.

ON DEC 10 1963  
R. E. Blom

COUNTY CLERK

DEPUTY

Fee: \$2.00 pd.

GW  
File NO. \_\_\_\_\_

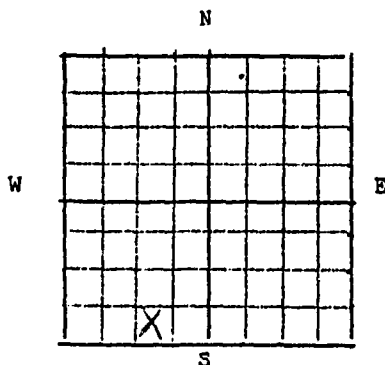
T 32N RGE 16 E 10  
COUNTY \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 14 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

1. Charles Seidel, of Box 555 Harlem  
(Name of Appropriator) (Address) (Town)  
County of Hill, State of Mont  
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



SE 1/4 SW Sec 10 T32 R16

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based  
House & stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1945 - Oct.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal/min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof \_\_\_\_\_
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater \_\_\_\_\_
8. The depth of water table 227
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
drilled - 6 in casing - 2 in on pump
10. The estimated amount of groundwater withdrawn each year 1,000,000
11. The log of formations encountered in the drilling of each well if available  
Box 555 Seidel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record \_\_\_\_\_

Signature of Owner Charles Seidel

Date Dec 31, 1963

Three copies to be filed by the owner with the County Clerk & Recorder of the County in which the well is located.

PLEASE ANSWER ALL QUESTIONS. IF NOT APPLICABLE, SO STATE, OTHERWISE THE FORM WILL BE RETURNED.

Original to the County Clerk & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

31174

397116

CHARLES SEIDEL

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA, ss.  
COUNTY OF HILL )  
Filed at 11 o'clock *am*.

ON DEC 31 1963

COUNTY CLERK

DEPUTY

FEE: \$2.00 pd.

File No. \_\_\_\_\_

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

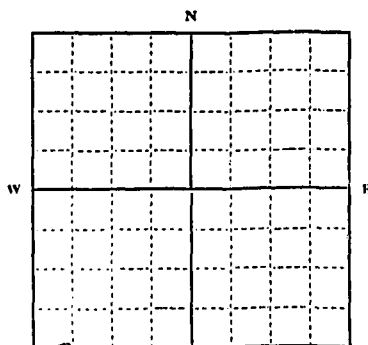
T32N R16E

County Hill

JAN 18 1964

Declaration of Vested Groundwater Rights STATE ENGINEER  
(Under Chapter 237, Montana Session Laws, 1961)

1. HOWARD RAY EVANSON, of 174 NORTH SIDE HAYRE, MONTANA  
(Name of Appropriator) (Address) (Town)  
County of HILL State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



*Lots 1+2 Block 3  
North of Sec. 14 T32N R16E*  
Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based GARDEN IRRIGATION  
AND HOUSE USE.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been AUGUST, 17, 1963 EACH YEAR

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 GAL. PER. MINUTE

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
30 FT. BY 115 FT. HOWARD RAY EVANSON

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal BY PRESSURE PUMP  
10 FT. NORTH HOUSE

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater WELL HAS BEEN THERE SINCE 1927

8. The depth of water table UNKNOWN

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater SAND POINT TYPE OF WELL 42 FT DEEP

10. The estimated amount of groundwater withdrawn each year 920000 GAL.

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date

12-30-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

3110



397639

HOWARD RAY EVANSON

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA, ss.  
COUNTY OF HILL )  
*Filed at / 12/15/63*

ON DEC 15 1963  
*[Signature]*  
COUNTY CLERK  
By *[Signature]* DEPUTY

FEES: \$2.00 pd.

T 3. R / 6 1

County Mad

RECEIVED  
JAN 7 1964

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

County of Hill State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

Lat 9 30 N Long 158 15 W  
1/4 Sec 9 N T32 R16

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic Use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1900
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof about 100 acres
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal about 100 feet
7. The location of the construction of the well, wells, or other works for withdrawing the water about 100 feet
8. The size and depth of each well or the general specifications of any other 36" Long Sand Point 10 feet
9. The amount of water withdrawn each year about 100,000 gallons
10. The cost of drilling of each well if available about 100 dollars
11. The name of the person or persons who have been engaged in carrying out the policy of this act, including a record of the same about 100 dollars

Signature of Owner James M. L. Jones

Date 1/27/62

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

390834

BERNARD HENDRICKSON

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA  
COUNTY OF HILL  
Filed at 10 o'clock A.M.

2-1963  
16  
COUNTY CLERK  
TO DEPUTY

FEES \$2.00 pd.

GW-4  
FILE NO. \_\_\_\_\_

TWP 32N RGE 16E  
COUNTY \_\_\_\_\_

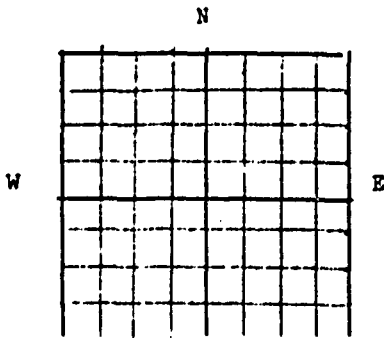
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 1 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1962)

STATE ENGINEER

1. \_\_\_\_\_, of \_\_\_\_\_  
(Name of Appropriator) (Address) (Town)  
County of \_\_\_\_\_, State of \_\_\_\_\_  
Have appropriated groundwater according to the Montana laws in effect prior to Jan.  
1, 1962 as follows:



Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based \_\_\_\_\_
3. Date or approximate date of earliest beneficial use; and how continuous the use has been \_\_\_\_\_
4. The amount of groundwater claimed (in miner's inches or gallons per minute) \_\_\_\_\_
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof \_\_\_\_\_
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal \_\_\_\_\_
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater \_\_\_\_\_
8. The depth of water table \_\_\_\_\_
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater \_\_\_\_\_
10. The estimated amount of groundwater withdrawn each year \_\_\_\_\_
11. The log of formations encountered in the drilling of each well if available \_\_\_\_\_
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record \_\_\_\_\_

Signature of Owner \_\_\_\_\_

Date \_\_\_\_\_

Three copies to be filed by the owner with the County Clerk & Recorder of the County in which the well is located.

PLEASE ANSWER ALL QUESTIONS. IF NOT APPLICABLE, SO STATE, OTHERWISE THE FORM WILL BE RETURNED.

Original to the County Clerk & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

396908

PAYETTE C. MARBIT

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA, ss.  
COUNTY OF HILL  
Filed at 9 o'clock a.m.

ON

DEC 20 1963

D. P. Horn  
COUNTY CLERK

BY \_\_\_\_\_  
DEPUTY

FEE: \$2.00 pd.

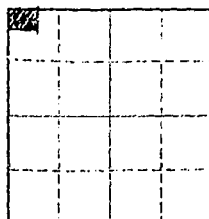
16  
T. 32 N. R. 16 East  
County BUTTE

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
SEP 19 1961

WATER WELL LOG

STATE ENGINEER



Owner ~~MRS ROBERT DOWSE~~ Address 718 17th ST.  
Driller SIMPSON DRILLING CO. Address BUTTE, MONTANA  
Date Started 7/25/61 Date Completed 7/26/61  
Location: Sec. 16 T. 32 R. 16 East 1/4 sec. NE 1/4 of SE 1/4

Type of well DRILLED (Dug, driven, bored, or drilled) Equipment used CABLE TOOL (Cable tool, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 193 ft. Type TCS Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations:

Static Water level, for non-flowing well: 92 feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 100 feet at 15 gal. per min.

How tested: BALDWIN PUMP

Length of test 2 HOURS

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Adeline P. Hobbs

(over)

## Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	27	BROWN CLAY
27	83	BROWN SANDY CLAY
83	90	BLUE CLAY
90	102	BROWN CLAY
102	109	BROWN SAND AND GAS
109	175	BROWN CLAY
175	181	BLUE CLAY
181	187	BROWN SAND AND WATER
187	192	SAND GRAVEL AND WATER
192	193	GOOD GRAVEL AND WATER

DOCUMENT NO. 385271

MRS. ROBERT DOBBIE

TO

THE PUBLIC

WATER WELL LOG

STATE OF MONTANA )  
COUNTY OF HILL )  
Filed at 8:00 o'clock A.M.

ON SEP 18 1961

BY CLAY CLERK  
DEPUTY

Fee \$1.00- paid

CLAY

BROWN SAND AND WATER  
SAND GRAVEL AND WATER  
GOOD GRAVEL AND WATER

181 187 192 193  
187 192



File No. ....

T 32N R 16E

DUPLICATE

County HILLSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JUN 27 1963

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner HAVRE PUBLIC SCHOOLS - DIST. 16 Address HAVRE, MONTANA  
HIGH SCHOOL DISTRICT "A"Driller HERBERT FREIER Address HAVRE, MONTANA  
281 N. STATE STREET

Date of Notice of Appropriation of Groundwater .....

Date well started JANUARY 5 Date Completed MARCH 13, 1963Type of well DRILLED Equipment Used CHURN  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☒  
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

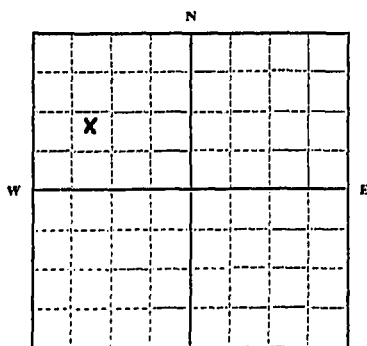
Top of Ground  
(Elev. above sea level 2525)

0-10 SANDY BROWN CLAYS  
10-23 GRAVEL + BROWN CLAY COMPOSITE (DRY)  
23-32 BROWN SAND, TRACE OF GRAVEL - SHOW OF WATER  
32-36 GRAVEL - WATER - 8 GPM  
STATIC LEVEL 22' 8"

36-53 COARSE SAND + GRAVEL, CONSIDERABLE FINE SAND  
53-57 SAND + GRAVEL - WATER - 20 GPM  
STATIC LEVEL 22' 8"

57-69 FINE SAND + SILT  
69-76 BROWN CLAY  
76-80 BROWN CLAY + PEBBLES  
80-89 GRAVEL + BN. CLAY COMP. SMALL Boulders  
89-101 BROWN SAND + SILT - SHOW OF WATER  
101-109 BROWN SAND + SILT - TRACE OF GRAVEL  
SHOW OF WATER  
109-110 MED. + PEA GRAVEL - TRACE OF SAND  
WATER - 26 GPM  
110-130 1/2 MOSTLY GRAVELS +  
COURSE SANDS WITH THE  
EXCEPTION OF FINE SAND  
AT 116-119 FOOT LEVEL  
130 1/2 - 131 1/2 DARK GRAY SHALE

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6" I.D. 20" PER FOOT	0	110	NO PERFORATIONS		
		110	124	6" JOHNSON EVERDUR SCREEN (14 FOOT)		



SW 1/4 NW 1/4 Sec. 16 T. 32 R. 16  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

131 1/2 Show exact depth of bottom.

Static Water Level for non-flowing Well 28 feet.Shut-in Pressure for Flowing Well NOT APPLICABLEPumping Water Level 40.8 feet at 212 gal. per minute.Discharge in gal. per min. of flowing well NOT APPLICABLEHow Tested TEST PUMP Length of Test 22 HOURSRemarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) AREA TO BEIRRIGATED CONSISTS OF APPROXIMATELY12 ACRES OF TURF AT HAVRE HIGH SCHOOLATHLETIC FIELD WITH SPRINKLER SYSTEM46  
Driller's License NumberHerbert Freier  
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

4796

394325

HAVRE PUBLIC SCHOOL-DIST. 16  
HIGH SCHOOL DISTRICT "A"

TO  
THE PUBLIC

NOTICE OF COMPLETION OF GROUND-  
WATER APPROPRIATION BY MEANS OF  
WELL

STATE OF MONTANA, ss.  
COUNTY OF HILL  
Filed at 8 o'clock A.M.

ON JUN 26 1963

R. E. Blom  
COUNTY CLERK

By \_\_\_\_\_  
DEPUTY

FEE: \$2.00 pd.

Form No. 18  
8-60

T. 32 N R. 16 E  
County Hill

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
SEP 11 1961

STATE ENGINEER

WATER WELL LOG

Sec. 16


Owner Wm. La Salle Address Blavre  
Driller Ernest O. Lee Address 1200 3rd St - Blavre  
Date Started August 15, 1960 Date Completed August 29, 1960  
Location: Sec. 16 T. 32 N R. 16 E  $\frac{1}{4}$  sec. S.W.

Type of well Drilled Equipment used Churn drilled  
(Dug, driven, bored, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: 0 ft. to 62 ft. Type \_\_\_\_\_ Size 6 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 56 to ft. 62. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations  $\frac{1}{4} \times 4$  Perfor.

Static Water level, for non-flowing well: 26 feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_  
(date)

Pumping water level 42 feet at 8 gal. per min.

How tested: Baler

Length of test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

62 feet drilling & casing @ \$5.75 per ft. = \$356.50  
William La Salle

(over)

## Log of Well

[illegible]

Fee \$1.00 Pd.

CV

File No. ....

DUPLICATE

T. 32<sup>nd</sup> R. 16E N. 11  
County H. 11

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

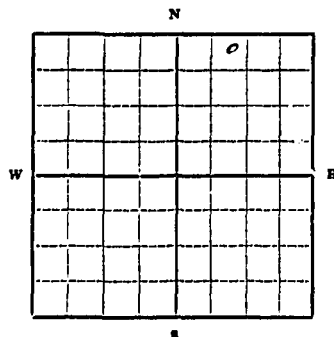
RECEIVED  
DEC 13 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Harold A. Blair, of 1417-5th Ave. Havre  
(Name of Appropriator) (Address) (Town)  
County of Hill State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE NW NE

1/4 Sec. 17 T. 32 R. 16

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household, Lawn - Garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945  
WITH CONTINUOUS

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal. per min.  
1200 per hr.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NOT APPLICABLE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 3/4 H.P. PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilled 1945

8. The depth of water table 20 ft. from surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" casing 110 ft. Deep

10. The estimated amount of groundwater withdrawn each year 500,000 gal.

11. The log of formations encountered in the drilling of each well if available  
0-57- Compact sand, gravel, clay Dry  
57-108- Blue clay  
108-110- Coarse sand, gravel, water

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. NOT APPLICABLE

Signature of Owner Harold A. Blair

Date 12-11-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

8892.

396511

HAROLD A. BLAIR

THE PUBLIC

DECLARATION OF VESTED GROUND  
WATER RIGHTS

STATE OF MONTANA )  
COUNTY OF HILL )  
Filed at 11 o'clock A.M.

ON Dec 12 1963

R. E. Blom

COUNTY CLERK

DEPUTY

Fee:\$2.00 pd.

File No. \_\_\_\_\_

Neve, Montana

T 32N R 16E 17

DUPLICATE.

Top of Ground  
(Elev. above sea level \_\_\_\_\_)

9 brown clay  
73 blue clay  
56 sand and water  
61 gravel and water  
81 gravel and clay gray  
118 brown clay  
122 sand blue clay  
123 gravel sand and water

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner W. T. DAMEL Address SOUTH OF LAVER  
Driller TRIP ON DRILLING CO. Address NEVE, MONTANA

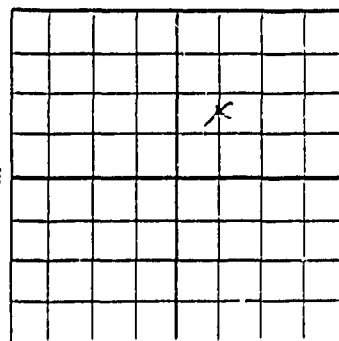
Date of Notice of appropriation of ground water \_\_\_\_\_  
Date well started FEB. 13, 1968 Date Completed FEB. 22, 1968

Type of well DRILLED Equipment used CABLE TOOLS  
(dug, driven, bored or Churn, drill, rotary or  
drilled) other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	4 1/8 19Lbs	18" A.C.	1.2'	WELL NO. 1 JOHNSON		
			1.2'	WELL NO. 2		
				WELL NO. 3		
				WELL NO. 4		
				WELL NO. 5		
				WELL NO. 6		
				WELL NO. 7		
				WELL NO. 8		
				WELL NO. 9		
				WELL NO. 10		
				WELL NO. 11		
				WELL NO. 12		
				WELL NO. 13		
				WELL NO. 14		
				WELL NO. 15		
				WELL NO. 16		
				WELL NO. 17		
				WELL NO. 18		
				WELL NO. 19		
				WELL NO. 20		
				WELL NO. 21		
				WELL NO. 22		
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				WELL NO. 26		
				WELL NO. 27		
				WELL NO. 28		
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				WELL NO. 39		
				WELL NO. 40		
				WELL NO. 41		
				WELL NO. 42		
				WELL NO. 43		
				WELL NO. 44		
				WELL NO. 45		
				WELL NO. 46		
				WELL NO. 47		
				WELL NO. 48		
				WELL NO. 49		
				WELL NO. 50		



SW 1/4 NE Sec 17 T 32 R 16  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well \_\_\_\_\_ feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 18' \_\_\_\_\_ feet  
at 50 gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested PUMPING  
7 HOURS

Length of Test \_\_\_\_\_  
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) \_\_\_\_\_

15

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for Appropriator.

128

44,084



9482  
File No.

News, Malt

T 32N R 16E 17

DUPLICATE

HILL  
County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground  
(Elev. above sea level)  
Brown clay  
Blue clay  
Sand and water  
Gravel and water  
Gravel and clay gray  
Brown clay  
Hard blue clay  
Gravel sand and water

Owner H W DASSEL Address SOUTH OF HAVRE  
Driller SIMPSON DRILLING CO. Address HAVRE, MONTANA

Date of Notice of appropriation of ground water

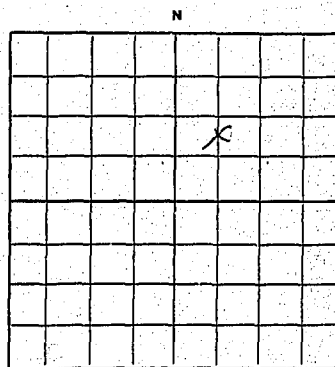
Date well started FEB. 13, 1968 Date Completed FEB. 22, 1968

Type of well DRILLED Equipment used CABLE TOOLS  
(dug, driven, bored or Churn, drill, rotary or  
drilled) other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	65/8 19Lbs	18" A.G.	122'			
			122'	WELL HAS A JOHNSON WELL SCREEN. EVERDUR METAL 6' LONG # 60 SLOT. LEAD PACKER TOP & BOTTOM		



56 3/4 NE 5 Sec 17 T. 32 R. 16  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well \_\_\_\_\_ feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 48' \_\_\_\_\_ feet  
at 50 gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested PUMPING  
7 HOURS

Length of Test \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

15

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for Appropriator.

128

44,084

411104

W. W. CASSEL

TO

THE PUBLIC

GROUNDWATER APPROPRIATION

STATE OF MONTANA, ss.  
COUNTY OF HILL )

Filed at 4:00 o'clock P.M.

ON APR 30 1968.

R. E. BLOM

COUNTY CLERK

By

*Nora Nelson*  
DEPUTY

fee: \$2.00 paid

File No. ....

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County

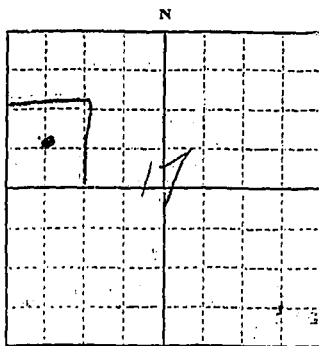
JAN 13 1964

STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. LOUIS J. FALTRINO, of RIDGE ROAD HAVRE  
(Name of Appropriator) (Address) (Town)  
County of HILL State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based HOUSE AND LIVESTOCK

3. Date or approximate date of earliest beneficial use; and how continuous the use has been MAY 15 - 1946  
EVERY DAY

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 18 GAL PER MIN.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

CYK. TYPE PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater MAY 15 - 1946

8. The depth of water table 110 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DEEP WELL 205 FT.

CASING - STEEL - 4 IN. PERFORATED 192  
FT. TO 195 FT. 76 HOLES 1/2 IN. IN PIPE

10. The estimated amount of groundwater withdrawn each year 300 gal DAY 109,500 gal/YR

11. The log of formations encountered in the drilling of each well if available GRAVEL - SAND  
WATER

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date

Dec 23, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

30992

396911

LOUIS J. VALERINO

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA, ss.  
COUNTY OF HILL )

Filed and 8 o'clock a.m.

ON DEC 20 1963

L. J. Valerino  
COUNTY CLERK

SEAL

FEE: \$2.00 pd.

T. 32N 16E 17  
County Free

# WATER WELL LOG

Owner E. J. Over Address Hevone  
Driller R. J. McCutcheon Address Hevone  
Date Started 1-11-58 Date Completed March 1958  
Location: Sec 17 T. 3N R. 16 1/4 sec. SE NE

Type of well Drilled Equipment used Churn  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other: .....

Casing: 1' above ground ft. to 1.77 ft. Type 4.5" 22.5 lb. WT. Size 6" OD

Casing: .....ft. to .....ft. Type ..... Size .....

Casing: .....ft. to .....ft. Type ..... Size .....

Perforated or Screened: 17t..... to ft..... Ft..... to ft.....

Type of screen or perforations.....

Static Water level, for non-flowing well:.....36.....feet.

Shut-in pressure, for flowing well:.....lb./sq. in. on:.....  
(date)

Pumping water level.....34.....feet at .....18.....gal. per min.....

How tested: Panel

Length of test, 5 min.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

WATER WELL LOG

Filed April 29th 1958  
at 10:20 o'clock A. M.

~~G. C. YEON~~  
COUNTY CLERK

~~DEPUTY~~

[illegible]

GW-4

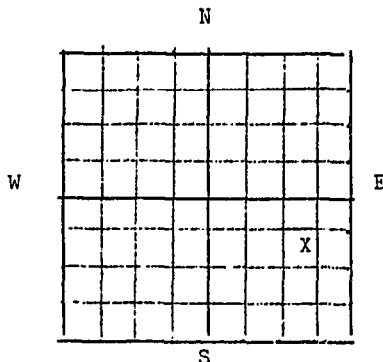
FILE NO. \_\_\_\_\_

DUPLICATE

TWP 32 N RGE 16 E  
COUNTY HillSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
DEC 10 1963DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Robert G. Randall, of Box 1047 Havre,  
(Name of Appropriator) (Address) (Town)  
County of Hill, State of Montana  
Have appropriated groundwater according to the Montana laws in effect prior to Jan.  
1, 1962 as follows:



SE 1/4 NE Sec 17 T 32 R 16

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based  
Household and lawn use.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 GPM
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Shallow well pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1947
8. The depth of water table 78 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 111 feet
10. The estimated amount of groundwater withdrawn each year Unknown
11. The log of formations encountered in the drilling of each well if available  
Yellow clay and gravel, yellow clay, dirty sand and gravel, blue clay, soft blue clay, sand and water, water.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner R. G. RandallDate 12/7/63

Three copies to be filed by the owner with the County Clerk & Recorder of the County in which the well is located.

PLEASE ANSWER ALL QUESTIONS. IF NOT APPLICABLE, SO STATE, OTHERWISE THE FORM WILL BE RETURNED.

Original to the County Clerk & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.



396143

R. G. RANDALL

TO

THE PUBLIC

DECLARATION OF VESTED GROUND  
WATER RIGHTS

STATE OF MONTANA  
COUNTY OF HILL  
Filed at 2:15 o'clock P.M.

ON DEC 9 1963

R. E. Blom

COUNTY CLERK

DEPUTY

Fee: \$2.00 pd.

File No. \_\_\_\_\_

DUPLICATE

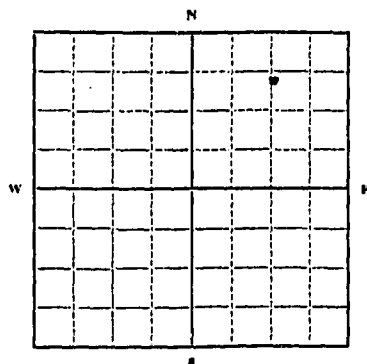
T 22 N R 16 E  
County H. M.STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
JUN 27 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. James Joseph Van De Pate, of 1511 Fifth Avenue, Hayes  
(Name of Appropriator) (Address) (Town)  
County of Hill State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4, Sec. 17, T. 38 N. R. 16 W.

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based... household use, lawn and garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been... August 1, 1950, with continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 80 gpm, 1200 gallons per hour
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof... Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... one horse electric jet pump on one well under house

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Commenced July 15, 1950, completed August 1, 1950

8. The depth of water table... 80 feet from surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... 8" casing, 110' deep

10. The estimated amount of groundwater withdrawn each year... 500,000 gallons per year.

11. The log of formations encountered in the drilling of each well if available... Well was drilled by H. I. McCutcheon

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record... Not applicable

Signature of Owner

Date June 24, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

4794

394303

JAMES JOSEPH VAN DE PETE

TO

THE PUBLIC

DECLARATION OF VESTED GROUND  
WATER RIGHTS

STATE OF MONTANA, ss.  
COUNTY OF HILL  
*Filed at 1:15 o'clock P.M.*

ON JUN 24 1963

R. E. Blom

COUNTY CLERK

By \_\_\_\_\_

DEPUTY

Fees \$2.00 pd.

File No.

T. 32 N R. 16 E 17

DUPLICATE

County

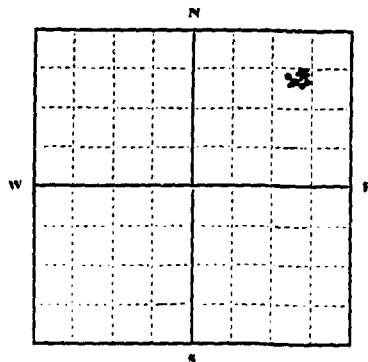
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 17  
STATE ENGINEER

1. Solina D. A. F. Vasseur, of 530-18 St. Havre  
(Name of Appropriator) (Address) (Town)  
County of Hill State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE corner

SW 1/4 Sec. 14 T. 32N R. 16E

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Dec. 1st 1948  
constant use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) ten
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof ten
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pressure pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September 1948
8. The depth of water table fifty feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled four inch - one hundred ten feet
10. The estimated amount of groundwater withdrawn each year 250,000 gallons
11. The log of formations encountered in the drilling of each well if available  
30 foot clay - 12 feet quick-sand & surface water - 60 feet gravelly clay & sands  
2 foot shale hard rock - 6 feet water gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner A. F. Vasseur  
Date December 21, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

26585